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IDENTIFIERS	*ACT Assessment

ABSTRACT

This document is a sample of the report the American College Testing Program (ACT) sends individual high schools. Statistics in this report reflect the characteristics of students from the school who took the ACT Assessment during their sophomore, junior, or senior year and graduated in 1997. Depending on the proportion of students from the school who took the assessment, data may or may not reflect the characteristics of the school's college-bound students. National average scores are also provided for the school's use. These scores include information by gender and ethnic group. Information about student characteristics includes reported course taking and information about career plans and plans for postsecondary education. An appendix contains suggestions about using these scores and describes the core curriculum recommended by the ACT. (Contains 15 tables.) (SLD)

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ED 413 356

The High School Profile Report

Normative Data

ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 1997

HS GRADUATING CLASS OF 1997
NATIONAL REPORT

CODE 990-000

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ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 1997

HS GRADUATING CLASS OF 1997
NATIONAL REPORT

CODE 990-000

THE STATISTICS IN THIS REPORT REFLECT THE CHARACTERISTICS OF THE STUDENTS AT YOUR SCHOOL WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR AND GRADUATED IN 1997. DEPENDING ON THE PROPORTION OF STUDENTS WHO TOOK THE ASSESSMENT, THE DATA MAY OR MAY NOT REFLECT THE CHARACTERISTICS OF YOUR COLLEGE BOUND STUDENTS. ASSISTANCE IN UNDERSTANDING THIS REPORT AND APPLYING THE RESULTS AT YOUR SCHOOL IS PROVIDED IN THE PUBLICATION, YOUR COLLEGE-BOUND STUDENTS: INTERPRETIVE GUIDE TO THE ACT HIGH SCHOOL PROFILE SERVICE.

EXECUTIVE SUMMARY
5-YEAR TREND HISTORY OF COLLEGE-BOUND STUDENTS.....1

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National

The table below compares the average ACT scores for your students who reported they completed the recommended core college preparatory curriculum with those who had not. Please note that your State Department of Education may have a different definition of the college preparatory courses and may, therefore publish reports showing slightly different data.

	Those with core or more						Those with less than core					
Reference Year	N	Eng	Math	Rdng	Sci R	Comp	N	Eng	Math	Rdng	Sci R	Comp
1992-93	453064	21.6	21.6	22.5	22.0	22.0	374256	18.7	18.3	19.6	19.4	19.1
1993-94	478885	21.5	21.5	22.5	22.1	22.0	359974	18.6	18.3	19.6	19.5	19.1
1994-95	529146	21.4	21.5	22.4	22.0	22.0	360925	18.5	18.3	19.6	19.5	19.1
1995-96	542136	21.5	21.5	22.5	22.1	22.0	354733	18.6	18.4	19.7	19.6	19.2
1996-97	566141	21.5	21.8	22.5	22.1	22.1	361947	18.6	18.7	19.7	19.6	19.3

Below are listed the summary statistics for all of your ACT-tested graduates on all five scores.

Reference Year	N	English	Mathematics	Reading	Sci Reas	Composite
1992-93	875603	20.3	20.1	21.2	20.8	20.7
1993-94	891714	20.3	20.2	21.2	20.9	20.8
1994-95	945369	20.2	20.2	21.3	21.0	20.8
1995-96	924663	20.3	20.2	21.3	21.1	20.9
1996-97	959301	20.3	20.6	21.3	21.1	21.0

Below are listed the ACT quartile values for all of your 1997 ACT-tested graduates on all five scores.

Quartile*	English	Mathematics	Reading	Sci Reas	Composite
Q3 (75th percentile)	24.3	24.1	25.5	24.2	24.3
Q2 (50th percentile - median)	20.1	19.6	21.0	20.8	20.6
Q1 (25th percentile)	16.3	16.7	16.9	17.8	17.4

* The quartile values are interpolated and are based upon calculated student percentile ranks which may differ from the cumulative percentages reported in the frequency distribution tables in the High School Profile Report

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TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR DIFFERENT ETHNIC GROUPS

	AFRO-AM/ BLACK MEAN	AM IND/ ALSK NTV MEAN	CAUC AM/ WHITE MEAN	MEX AM/ CHICANO MEAN	ASIAN AM/ PAC ISLDR MEAN	P RICAN/ HISPANIC MEAN
CORE OR MORE	(N= 50160)	(N= 5685)	(N=408851)	(N= 11875)	(N= 20201)	(N= 15693)
ENGLISH	17.4	19.5	22.2	18.9	21.2	19.2
USAGE/MECH	8.4	9.6	11.3	9.3	10.7	9.5
RHET SKILLS	8.9	10.1	11.5	9.7	10.9	9.9
MATHEMATICS	17.8	20.0	22.3	20.1	24.1	20.3
PRE/ELEM-ALG	8.9	10.3	11.8	10.4	12.7	10.5
ALG/CRD-GEOM	8.9	9.9	11.0	9.9	12.2	10.1
PLANE GEOM/TRIG	8.8	10.3	11.6	10.4	12.4	10.4
READING	18.0	20.9	23.2	20.0	22.0	20.2
SOC STU/SCI	8.8	10.4	11.6	9.9	11.0	10.0
ARTS/LITERATURE	9.2	10.9	12.2	10.5	11.4	10.6
SCI REASONING	18.0	20.7	22.8	20.0	22.2	20.1
COMPOSITE	17.9	20.4	22.8	19.9	22.5	20.1
LESS THAN CORE	(N= 39696)	(N= 5414)	(N=250763)	(N= 9475)	(N= 7834)	(N= 10615)
ENGLISH	15.1	16.6	19.4	16.3	18.4	16.4
USAGE/MECH	7.0	7.9	9.6	7.7	9.0	7.8
RHET SKILLS	7.8	8.6	10.0	8.4	9.5	8.4
MATHEMATICS	15.8	17.1	19.2	17.3	21.2	17.4
PRE/ELEM-ALG	7.4	8.4	9.9	8.5	10.8	8.5
ALG/CRD-GEOM	7.8	8.3	9.4	8.4	10.6	8.5
PLANE GEOM/TRIG	7.6	8.6	9.9	8.8	10.9	8.8
READING	16.0	18.1	20.5	17.5	19.2	17.4
SOC STU/SCI	7.9	9.0	10.2	8.6	9.6	8.5
ARTS/LITERATURE	7.9	9.2	10.7	8.9	9.8	8.8
SCI REASONING	16.5	18.3	20.3	17.8	19.9	17.9
COMPOSITE	16.0	17.6	20.0	17.4	19.8	17.4
NO RESPONSE	(N= 821)	(N= 410)	(N= 4264)	(N= 161)	(N= 507)	(N= 533)

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TABLE 1 (CONTINUED)

	AFRO-AM/ BLACK MEAN	AM IND/ ALSK NTV MEAN	CAUC AM/ WHITE MEAN	MEX AM/ CHICANO MEAN	ASIAN AM/ PAC ISLDR MEAN	P RICAN/ HISPANIC MEAN
TOTAL GROUP	(N= 90617)	(N= 11509)	(N=663878)	(N= 21511)	(N= 28542)	(N= 26841)
ENGLISH	16.4	18.0	21.2	17.8	20.4	18.1
USAGE/MECH	7.8	8.7	10.6	8.6	10.2	8.8
RHET SKILLS	8.4	9.3	10.9	9.1	10.4	9.3
MATHEMATICS	16.9	18.5	21.2	18.9	23.3	19.1
PRE/ELEM-ALG	8.3	9.3	11.1	9.5	12.1	9.7
ALG/CRD-GEOM	8.4	9.0	10.4	9.2	11.7	9.4
PLANE GEOM/TRIG	8.3	9.5	10.9	9.7	12.0	9.8
READING	17.1	19.4	22.2	18.9	21.2	19.1
SOC STU/SCI	8.4	9.7	11.1	9.3	10.6	9.4
ARTS/LITERATURE	8.7	9.9	11.6	9.8	10.9	9.9
SCI REASONING	17.4	19.4	21.8	19.0	21.6	19.2
COMPOSITE	17.1	19.0	21.7	18.8	21.7	19.0

TABLE 2 AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR DIFFERENT ETHNIC GROUPS

	AFRO-AM/ BLACK		AM IND/ ALSK NTV		CAUC AM/ WHITE		MEX AM/ CHICANO		ASIAN AM/ PAC ISLDR		P RICAN/ HISPANIC	
	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN	N	MEAN
HIGH SCHOOL AVERAGE												
3.50 - 4.00	12882	20.4	3042	22.3	254292	24.6	5918	21.5	13945	24.1	7519	21.8
3.00 - 3.49	25206	17.8	3182	19.1	197176	21.2	7090	18.6	8294	20.5	9198	18.8
2.50 - 2.99	27092	16.4	2743	17.6	128099	19.3	5124	17.3	4046	18.6	6242	17.5
2.00 - 2.49	18510	15.4	1685	16.5	63216	18.1	2489	16.5	1659	17.3	2925	16.6
1.99 & BELOW	5853	14.8	605	15.7	16817	17.3	681	16.0	421	16.7	679	16.1
CGPA PRED BY STUDENT												
3.5 - 4.0	11024	20.3	2006	23.1	168656	25.3	3835	22.3	10944	24.8	5574	22.4
3.0 - 3.4	31744	17.9	4079	19.7	272773	21.8	8834	19.1	10864	20.9	11261	19.2
2.5 - 2.9	25253	16.3	2830	17.7	138279	19.5	5215	17.4	4144	18.7	6025	17.4
2.0 - 2.4	17184	15.2	1725	16.2	63918	17.8	2702	16.2	1747	16.8	2946	16.1
1.9 & BELOW	4440	14.5	714	15.2	13554	16.7	681	15.5	465	15.9	704	15.4
HIGH SCHOOL RANK												
TOP QUARTER	23968	19.4	4103	21.5	309171	24.2	7821	21.2	15140	24.1	9915	21.5
2ND QUARTER	34073	16.8	4121	18.2	222863	20.2	7700	18.0	8399	19.6	9554	18.1
BOTTOM HALF	29291	15.6	2884	16.6	116247	18.2	5244	16.5	4186	17.6	6353	16.6

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TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF THE LOCAL HIGH SCHOOL

		SATISFIED NO CHANGE NECESSARY		PRETTY MUCH NEUTRAL		DISSATISFIED IMPROVEMENT NEEDED		NO EXPER-IENCE	
		FREQ	PC	FREQ	PC	FREQ	PC	FREQ	PC
CLASSROOM	MALE	219473	23	114273	12	43018	4	2184	0
INSTRUCTION	FEMALE	281015	29	153122	16	70563	7	2061	0
	TOTAL	500488	52	267395	28	113581	12	4245	0
NO. & VARIETY	MALE	203060	21	84312	9	88764	9	2876	0
OF COURSE	FEMALE	256091	27	99325	10	148586	15	2923	0
OFFERINGS	TOTAL	459151	48	183637	19	237350	25	5799	1
GRADING	MALE	193028	20	117335	12	64536	7	3808	0
PRACTICES &	FEMALE	267050	28	149616	16	86270	9	3586	0
POLICIES	TOTAL	460078	48	266951	28	150806	16	7394	1
NO. & KINDS	MALE	192561	20	141634	15	41327	4	2902	0
OF TESTS	FEMALE	252103	26	188980	20	62435	7	2630	0
GIVEN	TOTAL	444664	46	330614	34	103762	11	5532	1
GUIDANCE SERV	MALE	199915	21	92780	10	71799	7	13933	1
PROVIDED BY	FEMALE	251298	26	111142	12	128435	13	15151	2
TOTAL SCHOOL	TOTAL	451213	47	203922	21	200234	21	29084	3
SCHOOL RULES,	MALE	140026	15	104822	11	126967	13	6311	1
REGULATIONS,	FEMALE	185969	19	136393	14	177843	19	5583	1
& POLICIES	TOTAL	325995	34	241215	25	304810	32	11894	1
LIBRARY OR	MALE	203392	21	104912	11	62850	7	7138	1
LEARNING	FEMALE	271995	28	134730	14	90643	9	8608	1
CENTER	TOTAL	475387	50	239642	25	153493	16	15746	2
LABORATORY	MALE	180034	19	112703	12	71797	7	13832	1
FACILITIES	FEMALE	227108	24	150608	16	106379	11	21892	2
	TOTAL	407142	42	263311	27	178176	19	35724	4
PROVISIONS FOR	MALE	138855	14	104072	11	39881	4	95496	10
SPECIAL HELP IN	FEMALE	180664	19	122913	13	67554	7	134872	14
READING,MATH,ETC	TOTAL	319519	33	226985	24	107435	11	230368	24
PROVISIONS FOR	MALE	204699	21	96130	10	41842	4	35772	4
ACADEMICALLY	FEMALE	281887	29	112444	12	69650	7	42193	4
OUTSTANDING STU	TOTAL	486586	51	208574	22	111492	12	77965	8
ADEQUACY OF PROG	MALE	152057	16	123641	13	70959	7	30895	3
IN CAREER EDUC	FEMALE	193984	20	144298	15	125039	13	41386	4
& PLANNING	TOTAL	346041	36	267939	28	195998	20	72281	8

TOTAL STUDENTS IN REPORT - 959301

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TABLE 4 MEAN ACT SCORES, FREQUENCY DISTRIBUTIONS, AND CUMULATIVE PERCENTAGES FOR MALE AND FEMALE COMBINED (TOTAL)

STD SCORE	ACT ENGLISH FREQ	PB	ACT MATHEMATICS FREQ	PB	ACT READING FREQ	PB	ACT SCI REASONING FREQ	PB	ACT COMPOSITE FREQ	PB
36	942	99	2124	99	7178	99	3110	99	74	99
35	1265	99	596	99	11855	99	1219	99	507	99
34	3640	99	2157	99	14848	98	2816	99	1686	99
33	3736	99	5486	99	11109	96	6253	99	4225	99
32	6293	99	8618	99	18058	95	3419	99	7514	99
31	9319	98	14931	98	15795	93	14387	98	12546	99
30	20944	97	18385	96	23638	92	18012	97	18189	97
29	22215	95	25765	95	25390	89	16319	95	22453	95
28	32542	93	26214	92	32254	87	29458	93	29425	93
27	36985	89	39227	89	32199	83	27049	90	36566	90
26	43758	86	35599	85	46439	80	42072	87	43142	86
25	48540	81	42702	81	40112	75	58696	83	49628	82
24	50434	76	51446	77	55380	71	50883	77	56428	76
23	59347	71	47913	72	48862	65	71006	71	62831	71
22	52096	65	53569	67	65336	60	76216	64	68668	64
21	61605	59	49843	61	67086	53	82955	56	73951	57
20	69614	53	62587	56	55410	46	63728	47	76064	49
19	59320	45	74034	49	75722	40	90699	41	75899	41
18	65582	39	86206	41	45784	33	84576	31	73710	33
17	60884	32	87508	33	43117	28	62615	23	66658	26
16	52772	26	86593	23	46438	23	61953	16	58016	19
15	51724	21	60358	14	36118	18	33701	10	47970	13
14	43570	15	41218	8	37385	15	22377	6	36100	8
13	32349	11	22050	4	43441	11	16313	4	22729	4
12	26237	7	10518	1	25721	6	9557	2	10403	1
11	21302	5	2676	1	20568	4	6808	1	3020	1
10	12732	2	703	1	8442	1	1759	1	677	1
9	5894	1	149	1	2819	1	820	1	165	1
8	2519	1	75	1	1230	1	330	1	44	1
7	873	1	25	1	865	1	134	1	11	1
6	171	1	13	1	371	1	28	1	1	1
5	77	1	7	1	184	1	19	1	0	1
4	16	1	0	1	81	1	2	1	0	1
3	2	1	6	1	49	1	7	1	0	1
2	0	1	0	1	13	1	0	1	1	1
1	2	1	0	1	4	1	5	1	0	1
FREQUENCIES AND PERCENTAGES OF SCORES IN FOUR INTERVALS										
28-36	100896	11	104276	11	160125	17	94993	10	96619	10
23-27	239064	25	216887	23	222992	23	249706	26	248595	26
18-22	308217	32	326239	34	309338	32	398174	42	368292	38
1-17	311124	32	311899	33	266846	28	216428	23	245795	26
MEAN	20.3		20.6		21.3		21.1		21.0	
S.D.	5.4		5.0		6.1		4.7		4.7	

NUMBER OF STUDENTS - 959301

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TABLE 5 DISTRIBUTIONS OF CUMULATIVE PERCENTAGES FOR ACT STANDARD SUBSCORES

STD SCORE	USAGE/MECH N	USAGE/MECH PB	RHET SKILLS N	RHET SKILLS PB	SOC STU/SCI N	SOC STU/SCI PB	ARTS/LIT N	ARTS/LIT PB	STD SCORE
18	11048	99	5330	99	19978	99	33489	99	18
17	21035	99	12809	99	33330	98	57334	97	17
16	37940	97	29827	98	43424	94	61554	91	16
15	47953	93	42391	95	50062	90	54494	84	15
14	66584	88	65169	91	60157	85	74677	78	14
13	76526	81	89622	84	67252	78	94569	71	13
12	73616	73	102533	74	74200	71	88788	61	12
11	89494	65	107911	64	110175	64	87363	52	11
10	97949	56	123969	53	124535	52	71551	42	10
9	91393	46	129439	40	115100	39	80810	35	9
8	106472	36	105180	26	92397	27	58158	27	8
7	85399	25	66658	15	63825	18	62836	20	7
6	67275	16	41768	8	46380	11	55091	14	6
5	52116	9	23948	4	30292	6	38583	8	5
4	25840	4	9085	1	16978	3	20844	4	4
3	6660	1	2957	1	6457	1	12926	2	3
2	1859	1	653	1	3621	1	5585	1	2
1	142	1	52	1	1138	1	649	1	1
MEAN	10.1		10.5		10.6		11.1		
S.D.	3.5		2.9		3.4		3.9		

STD SCORE	PRE/ELEM ALG N	PRE/ELEM ALG PB	ALG/CRD-GEOM N	ALG/CRD-GEOM PB	PLN GEOM/TRIG N	PLN GEOM/TRIG PB	STD SCORE
18	22926	99	10312	99	13025	99	18
17	34506	98	7383	99	135	99	17
16	32092	94	18907	98	37072	99	16
15	47889	91	38616	96	52848	95	15
14	70892	86	52718	92	59638	89	14
13	86320	78	80255	87	97408	83	13
12	68506	69	84534	78	81534	73	12
11	117268	62	118407	69	129750	64	11
10	86578	50	113487	57	146492	51	10
9	117501	41	177142	45	131327	36	9
8	107671	29	95291	27	80537	22	8
7	72565	17	65352	17	55471	14	7
6	52786	10	45091	10	27862	8	6
5	21980	4	23816	5	24872	5	5
4	14343	2	13705	3	5352	2	4
3	4308	1	9766	1	7763	2	3
2	1053	1	2291	1	5896	1	2
1	117	1	2228	1	2319	1	1
MEAN	10.7		10.1		10.6		
S.D.	3.3		3.0		3.0		

NUMBER OF STUDENTS - 959301

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TABLE 6 MEAN ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES

	ACT ENGLISH	ACT MATHEMATICS	ACT READING	ACT SCI REASONING	ACT COMPOSITE
MALES (N=419049)					
MEAN	19.9	21.3	21.2	21.7	21.1
S.D.	5.4	5.2	6.1	4.9	4.9
FEMALES (N=540252)					
MEAN	20.7	20.1	21.5	20.6	20.8
S.D.	5.4	4.7	6.0	4.4	4.6

PERCENTAGES OF STUDENTS IN TEST SCORE INTERVALS

SCORE INTERVAL	M	F	M	F	M	F	M	F	M	F
28-36	9	11	14	8	16	17	13	7	11	9
23-27	23	26	24	21	23	24	28	25	26	26
18-22	32	32	33	35	32	33	38	44	37	39
1-17	36	30	29	36	29	27	20	24	25	26

TABLE 7 EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM

EXPRESSED ADEQUACY	TOTAL FREQ	TOTAL PC	AVG ACT COMP	BUS-COMM FREQ	BUS-COMM PC	VOC-OCC FREQ	VOC-OCC PC	COL PREP FREQ	COL PREP PC	OTHER-GEN FREQ	OTHER-GEN PC
EXCELLENT	160068	18	23.2	4389	11	5459	10	130449	21	19771	11
GOOD	376763	42	21.3	16072	40	20645	39	265926	43	74120	40
AVERAGE	215503	24	19.4	12612	31	17627	33	124950	20	60314	33
BELOW AVERAGE	45940	5	19.1	2928	7	4030	8	25657	4	13325	7
VERY INADEQUATE	77055	9	20.8	4019	10	4685	9	54915	9	13436	7
NO RESPONSE	15498	2	21.0	620	2	790	1	11057	2	3031	2
NO. OF STUDENTS	890827			40640		53236		612954		183997	

TABLE 8 AVERAGE ACT SCORES FOR DIFFERENT PATTERNS OF ACADEMIC PREPARATION

REFERENCE GROUPS	N-COUNT	ENGLISH MEAN	ENGLISH SD	MATH MEAN	MATH SD	READING MEAN	READING SD	SCI REASONING MEAN	SCI REASONING SD	COMPOSITE MEAN	COMPOSITE SD
ALL GRADUATES	959301	20.3	5.4	20.6	5.0	21.3	6.1	21.1	4.7	21.0	4.7
COLLEGE CORE											
E4, M3, SS3, NS3	566141	21.5	5.2	21.8	4.9	22.5	5.9	22.1	4.6	22.1	4.6
In between	264444	19.1	5.2	19.1	4.5	20.1	5.8	20.0	4.3	19.7	4.4
E4, M2, SS2, NS2	97503	17.1	5.0	17.6	4.2	18.4	5.6	18.7	4.3	18.1	4.2
No Response	31213	19.1	5.7	19.9	5.1	20.2	6.4	20.2	4.9	20.0	5.0
HS GPA RANGES											
3.50 - 4.00	333369	23.8	4.8	24.0	4.8	24.7	5.7	23.8	4.4	24.2	4.3
3.00 - 3.49	282151	20.0	4.7	20.1	4.2	21.0	5.4	20.8	4.1	20.6	3.9
2.50 - 2.99	197055	17.9	4.5	18.2	3.6	19.0	5.1	19.2	3.8	18.7	3.6
2.00 - 2.49	104462	16.4	4.2	17.0	3.2	17.5	4.9	18.1	3.7	17.4	3.4
1.99 & below	29574	15.5	4.2	16.3	3.0	16.7	4.9	17.3	3.7	16.6	3.3

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TABLE 9 HIGH SCHOOL GPA'S & ACT AVERAGE SCORES BY COMMON COURSE SEQUENCES (TOTAL)

ENGLISH COURSE SEQUENCE	NUMBER OF STUDENTS	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	301635	3.27	21.0	21.5
ENG 9, ENG 10, ENG 11, ENG 12	579686	3.16	20.2	20.9
LESS THAN 4 YEARS OF ENGLISH	46069	2.96	18.3	19.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	31911	-.--	19.0	20.0

MATHEMATICS COURSE SEQUENCE	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	61054	3.51	25.2	24.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	93280	3.21	22.4	22.7
ALG 1, ALG 2, GEOM, TRIG	108367	3.03	20.7	21.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	91615	3.00	20.6	21.1
ALG 1, ALG 2, GEOM	198604	2.56	17.8	18.8
OTHER COMBINATIONS OF 3 OR MORE YEARS MATH	254617	3.29	23.1	22.9
LESS THAN 3 YEARS OF MATH	117987	2.31	16.2	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	33777	-.--	19.7	19.8

SOCIAL SCIENCE COURSE SEQUENCE	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	28909	3.33	22.2	21.7
US HIST, WORLD HIST, AM GOVT	69236	3.19	21.3	21.0
OTHER COMBINATIONS OF 3 OR MORE YRS SOC SCI	683624	3.30	21.6	21.2
LESS THAN 3 YEARS OF SOC SCI	144276	3.10	20.3	20.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	33256	-.--	20.2	19.9

NATURAL SCIENCE COURSE SEQUENCE	NUMBER OF STUDENTS	HS NAT SCI	ACT SCI REAS	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	280462	3.36	22.8	22.8
BIOLOGY, CHEMISTRY, PHYSICS	103760	3.30	23.7	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	300208	3.02	20.3	20.1
OTHER COMBINATIONS OF 3 OR MORE YRS NAT SCI	26327	3.08	21.0	20.7
LESS THAN 3 YEARS OF NAT SCI	215107	2.79	18.9	18.5
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	33437	-.--	20.2	19.9

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TABLE 9 HIGH SCHOOL GPA'S & ACT AVERAGE SCORES BY COMMON COURSE SEQUENCES FOR MALES

ENGLISH COURSE SEQUENCE	NUMBER OF STUDENTS	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	128366	3.12	20.6	21.8
ENG 9, ENG 10, ENG 11, ENG 12	250312	3.00	19.8	21.1
LESS THAN 4 YEARS OF ENGLISH	22604	2.80	17.9	19.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	17767	-.--	18.6	19.9

MATHEMATICS COURSE SEQUENCE	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	28011	3.48	26.0	24.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	35761	3.13	23.1	22.8
ALG 1, ALG 2, GEOM, TRIG	44837	2.95	21.3	21.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	34672	2.92	21.2	21.1
ALG 1, ALG 2, GEOM	79889	2.47	18.2	18.7
OTHER COMBINATIONS OF 3 OR MORE YEARS MATH	124647	3.25	23.8	23.2
LESS THAN 3 YEARS OF MATH	52584	2.27	16.6	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	18648	-.--	20.1	19.8

SOCIAL SCIENCE COURSE SEQUENCE	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	14381	3.25	21.8	21.7
US HIST, WORLD HIST, AM GOVT	33143	3.13	21.1	21.1
OTHER COMBINATIONS OF 3 OR MORE YRS SOC SCI	286969	3.25	21.5	21.4
LESS THAN 3 YEARS OF SOC SCI	66025	3.03	20.1	20.2
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	18531	-.--	19.9	19.9

NATURAL SCIENCE COURSE SEQUENCE	NUMBER OF STUDENTS	HS NAT SCI	ACT SCI REAS	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	136011	3.32	23.6	23.1
BIOLOGY, CHEMISTRY, PHYSICS	46956	3.25	24.5	24.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	112350	2.89	20.6	20.0
OTHER COMBINATIONS OF 3 OR MORE YRS NAT SCI	14592	3.04	21.6	20.9
LESS THAN 3 YEARS OF NAT SCI	90499	2.69	19.0	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	18641	-.--	20.4	19.9

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TABLE 9 HIGH SCHOOL GPA'S & ACT AVERAGE SCORES BY COMMON COURSE SEQUENCES FOR FEMALES

ENGLISH COURSE SEQUENCE	NUMBER OF STUDENTS	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	173269	3.38	21.3	21.3
ENG 9, ENG 10, ENG 11, ENG 12	329374	3.28	20.6	20.8
LESS THAN 4 YEARS OF ENGLISH	23465	3.12	18.6	19.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	14144	-.--	19.6	20.0

MATHEMATICS COURSE SEQUENCE	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	33043	3.54	24.6	24.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	57519	3.26	22.0	22.6
ALG 1, ALG 2, GEOM, TRIG	63530	3.08	20.3	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	56943	3.06	20.3	21.1
ALG 1, ALG 2, GEOM	118715	2.61	17.5	18.9
OTHER COMBINATIONS OF 3 OR MORE YEARS MATH	129970	3.32	22.3	22.7
LESS THAN 3 YEARS OF MATH	65403	2.35	15.9	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	15129	-.--	19.3	19.9

SOCIAL SCIENCE COURSE SEQUENCE	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	14528	3.40	22.6	21.8
US HIST, WORLD HIST, AM GOVT	36093	3.26	21.5	20.9
OTHER COMBINATIONS OF 3 OR MORE YRS SOC SCI	396655	3.34	21.7	21.0
LESS THAN 3 YEARS OF SOC SCI	78251	3.15	20.4	19.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	14725	-.--	20.6	20.0

NATURAL SCIENCE COURSE SEQUENCE	NUMBER OF STUDENTS	HS NAT SCI	ACT SCI REAS	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	144451	3.40	22.1	22.5
BIOLOGY, CHEMISTRY, PHYSICS	56804	3.34	23.0	23.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	187858	3.09	20.1	20.2
OTHER COMBINATIONS OF 3 OR MORE YRS NAT SCI	11735	3.13	20.2	20.4
LESS THAN 3 YEARS OF NAT SCI	124608	2.87	18.8	18.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	14796	-.--	19.8	20.0

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TABLE 10 PERCENTAGE DISTRIBUTION OF PLANNED EDUCATIONAL MAJORS & VOCATIONAL CHOICES

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NO. OF STU	AVG ACT COMP	CERTAINTY VERY (PERCENT)	CERTAINTY FAIRLY (PERCENT)	EDUC MAJOR (PERCENT)	1ST VOC (PERCENT)	EDUC MAJOR (PERCENT)	1ST VOC (PERCENT)	EDUC MAJOR (PERCENT)	1ST VOC (PERCENT)
AGRIC & AG TECH	21085	19.5	36	49	4	4	1	1	2	2
ARCH & ENV DESIGN	20400	20.8	38	48	3	3	2	2	2	2
BUSINESS & MGMT	101423	20.5	34	51	13	13	10	10	11	11
BUSINESS & OFFICE	9157	18.0	31	52	0	0	1	2	1	1
MARKETING & DISTRIB	5732	19.2	29	52	0	0	1	1	1	1
COMM & COMM TECH	36140	21.2	35	48	4	4	4	5	4	4
COMM & PERSONAL SVCS	32063	18.7	45	44	4	4	3	4	4	4
COMPUTER & INFO SCI	28232	21.1	40	49	5	5	2	1	3	3
CROSS-DISC STUDIES	904	23.5	20	46	0	0	0	0	0	0
EDUCATION	49967	20.2	47	43	2	2	8	9	6	6
TEACHER EDUCATION	36484	20.3	44	44	4	4	4	5	4	5
ENGINEERING (PRE)	63601	22.9	36	51	13	12	3	2	7	6
ENGINEERING TECH	15644	20.9	33	52	4	4	0	1	2	2
FOREIGN LANGUAGES	3434	23.1	34	48	0	0	1	0	0	0
HEALTH SCIENCES	183863	20.9	51	41	12	13	27	28	21	22
HOME ECONOMICS	6558	18.9	41	45	0	0	1	1	1	1
LETTERS	6941	24.8	30	52	1	0	1	1	1	1
MATHEMATICS	3832	24.3	26	51	1	0	0	0	0	0
PHIL, RELIG & THEOL	5576	22.4	48	38	1	1	0	0	1	1
SCIENCES (BIO & PHY)	44852	23.5	35	50	5	4	5	4	5	4
SOCIAL SCIENCES	77366	21.8	39	48	6	5	11	10	9	8
TRADE & INDUSTRIAL	10128	18.7	44	43	2	3	0	0	1	2
VISUAL & PERF ARTS	45344	21.3	45	42	5	5	5	5	5	5
UNDECIDED	86366	20.7	7	11	11	11	9	7	10	9
NO RESP TO ED MAJOR	64209									

TOTAL STUDENTS IN REPORT - 959301

TABLE 11 BACKGROUND INFORMATION ABOUT YOUR GRADUATING CLASS

	NO. OF STU	MEAN ACT COMP	PC
HS CURRICULUM OR PROG			
BUS COMM/VOC-OCCUP	93876	17.9	10
COLL PREP	612954	22.1	64
OTHER OR GEN OR NO RESP	252471	19.4	26
REQUEST ASSISTANCE WITH			
ED/OCCUP PLANS	396762	21.1	41
EXPR IDEAS IN WRITING	217860	19.5	23
READING/COMPREHENSION	273408	19.3	29
STUDY SKILLS	396505	19.6	41
MATH SKILLS	384561	19.2	40
PERSONAL CONCERNS	110915	19.4	12
EXPRESSED FIN NEED			
NEED FINANCIAL AID	765451	21.0	80
NEED TO FIND WORK	643828	20.8	67
SPECIAL COLLEGE PROG			
INDEP STUDY	385683	21.9	40
HONORS COURSES	287540	23.7	30
ADV PLACEMENT IN COLL			
ENGLISH	270430	22.9	28
MATH	232954	23.3	24
SOCIAL STUDIES	241513	22.8	25
NATURAL SCIENCE	227202	23.0	24
FOREIGN LANG	182042	22.5	19
MAX YEARLY COLL TUITION			
$1000 & UNDER	53645	17.4	6
$1001 - $2000	74713	18.8	8
$2001 - $4000	143475	20.1	15
$4001 - $7500	148835	21.1	16
$7501 & OVER	50951	22.0	5
NO PREFERENCE	401048	22.1	42
NO RESPONSE	86634	20.4	9
GRADE LEVEL WHEN TESTED			
SOPHOMORE	5865	20.7	1
JUNIOR	323982	22.1	34
SENIOR	617972	20.4	64
OTHER/NO RESPONSE	11482	19.6	1
COLLEGE CORE PREPARATION			
CORE OR MORE	566141	22.1	59
LESS THAN CORE	361947	19.3	38
NO RESPONSE	31213	20.0	3

	NO. OF STU	MEAN ACT COMP	PC
RACE-ETHNIC BACKGROUND			
AFRICAN-AMER/BLACK	90617	17.1	9
AMER/ALASKAN NATIVE	11509	19.0	1
CAUCASIAN AMER/WHITE	663878	21.7	69
MEXICAN AMER/CHICANO	21511	18.8	2
ORIENTAL/PACIFIC AMER	28542	21.7	3
PUERTO RICAN/HISPANIC	26841	19.0	3
OTHER	13153	19.5	1
MULTIRACIAL	11963	21.2	1
PREFER NOT TO RESPOND	27070	22.2	3
NO RESPONSE	64217	20.1	7
ESTIMATED FAMILY INCOME			
LESS THAN $18,000	95891	18.5	10
ABOUT $18,000-$24,000	73629	19.4	8
ABOUT $24,000-$30,000	73057	20.1	8
ABOUT $30,000-$36,000	74431	20.6	8
ABOUT $36,000-$42,000	80349	20.9	8
ABOUT $42,000-$50,000	94438	21.3	10
ABOUT $50,000-$60,000	98440	21.8	10
ABOUT $60,000-$80,000	108386	22.3	11
ABOUT $80,000-$100,000	54581	22.7	6
MORE THAN $100,000	61177	23.4	6
NO RESPONSE	144922	20.7	15
HS CLASS RANK			
TOP QTR	396936	23.7	41
2ND QTR	307294	19.6	32
3RD QTR	155914	17.7	16
4TH QTR	20968	16.7	2
NO RESPONSE	78189	19.9	8
EDUC DEG ASPIRATION			
VOC-TECH	13112	17.1	1
2YR COL DEGREE	47957	17.3	5
BACHELORS DEGREE	313355	20.0	33
GRAD STUDY	196416	22.4	20
PROF LEVEL DEGREE	294117	22.3	31
OTHER	25653	18.2	3
NO RESPONSE	68691	20.1	7
NUMBER OF STUDENTS			
HOME SCHOOLED	1926	22.5	0
EARNED A GED	593	18.4	0
ALL STUDENTS	959301	21.0	100

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TABLE 13 DISTRIBUTION OF PLANNED EDUCATIONAL MAJORS AND ACT COMPOSITE SCORES

	NUMBER OF STUDENTS	MEAN ACT COMP
AGRICULTURE & AG TECH	(21085)	(19.5)
AGRICULTURAL BUSINESS	1229	19.6
AGRICULTURAL ECONOMICS	189	21.0
AGRICULTURAL MECHANICS	286	17.7
AGRI PRODUCTION/TECH	250	19.3
AGRONOMY	381	21.2
ANIMAL SCIENCES	1856	20.5
FARM & RANCH MANAGEMENT	723	18.5
FISH, GAME, WILDLIFE MGMT	3424	19.3
FOOD SCIENCES/TECHNOLOGY	143	20.3
FORESTRY & RELATED SCI	1997	19.9
HORTICULTURE/ORNMNTL HORT	584	20.3
NATURAL RESOURCES MGMT	461	20.9
AGRICULTURE & AG TECH,GEN	9562	19.2
ARCHI & ENVIR DESIGN	(20400)	(20.8)
ARCHITECTURAL DRAFTING	4347	20.1
ARCHITECTURE	2496	22.3
BLDG CON/CONSTRUCTION SCI	688	18.3
CITY & REGIONAL PLANNING	138	21.1
ENVIRONMENTAL DESIGN	190	20.9
INTERIOR DESIGN	2135	19.8
LANDSCAPE ARCHITECTURE	1026	20.0
ARCHI & ENVIR DESIGN, GEN	9380	21.2
BUSINESS & MGMT	(101423)	(20.5)
ACCOUNTING	14866	20.6
BANKING & FINANCE	2540	21.4
BUSINESS ADMIN & MGMT	12645	20.1
BUSINESS ECONOMICS	1445	21.3
CONTRACT MGMT & PURCHSING	126	18.2
HOTEL/RESTAURANT MGMT	1895	19.2
HUMAN RESOURCE DEVEL/TRNG	244	19.7
INSTITUTIONAL MANAGEMENT	39	20.2
INSURANCE & RISK MGMT	593	19.7
INTERNATL BUSINESS/MGMT	3665	22.4
LABOR/INDUSTRL RELATIONS	56	21.1
MANAGEMENT INFO SYSTEMS	296	21.6
MANAGEMENT SCIENCE	120	20.0
MARKETING MGMT & RESEARCH	2288	20.7
ORGANIZATIONAL BEHAVIOR	19	21.4
PERSONNEL MANAGEMENT	271	18.5
REAL ESTATE	792	18.1
SML BUSINESS MGMT/OWNRSHP	3607	19.3
TRADE & INDUSTRIAL MGMT	111	18.7
TRANSPORTATION MANAGEMENT	111	18.9
BUSINESS & MGMT, GEN	55694	20.6
BUSINESS & OFFICE	(9157)	(18.0)
BOOKKEEPING	188	17.7
BUSINESS DP/COMPUTER OPER	748	16.8
COURT REPORTING	136	17.8
OFFICE SUPERVISION & MGMT	491	18.6
SECRETARIAL	1436	17.2
TYPING & GENERAL OFFICE	230	16.5
WORD PROCESSING	117	15.9
BUSINESS & OFFICE, GEN	5811	18.4
MARKETING & DISTRIB	(5732)	(19.2)
FASHION MERCHANDISING	1109	18.7
RETAILING & SALES	597	19.0
TRAVEL SERVICES & TOURISM	541	17.8
MARKETING & DISTRIB, GEN	3485	19.7
COMMUNIC & COMM TECH	(36140)	(21.2)
ADVERTISING	2123	21.1
COMMERCIAL ART	1508	20.0
GRAPHIC & PRINT COMMUNIC	784	19.9
JOURNALISM	5652	22.6
PHOTO/MOTION PICTURE TECH	818	20.3
PUBLIC RELATIONS	1408	21.2
RADIO/TV BROADCASTING	5235	20.2
RADIO/TV PRODUCTN & TECH	984	20.0
COMMUNIC & COMM TECH, GEN	17628	21.4
COMMNTY & PRSNL SVCS	(32063)	(18.7)
CORRECTIONS	150	18.1
COSMETOLOGY/BARBERING	1102	16.4
CRIMINAL JUSTICE/CRIMINOL	9035	19.0
FIRE PROTECTN/SAFETY TECH	929	18.7
FUNERAL SVCS/MORTUARY SCI	298	17.1
LAW ENFORCEMENT & ADMIN	5519	18.3
LIBRARY SCIENCE/ASSISTING	111	21.5
MILITARY SCIENCE/TECH	510	21.2
PARKS & RECREATION	347	19.0
PUBLIC ADMINISTRATION	143	19.6
PUBLIC AFFAIRS	127	19.2
SOCIAL WORK	3375	18.9
COMMNTY & PRSNL SVCS, GEN	10417	18.8

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	MEAN ACT COMP
COMPUTER & INFO SCI	(28232)	(21.1)
COMPUTER PROGRAMMING	7135	20.1
COMPUTER SCIENCE	7892	22.2
DATA PROCESSING	359	17.4
INFO SCIENCES & SYSTEMS	789	21.3
MATH/COMPUTER SCIENCE	771	23.9
COMPUTER & INFO SCI, GEN	11286	20.9
CROSS-DISC STUDIES	(904)	(23.5)
AREA & ETHNIC STUDIES	165	22.1
LIBERAL/GENERAL STUDIES	480	23.2
MULTI-/INTERDISC STUDIES	104	26.3
CROSS-DISC STUDIES, GEN	155	23.8
EDUCATION	(49967)	(20.2)
ADULT & CONTINUING EDUC	140	20.4
EDUCATION ADMINISTRATION	366	19.4
ELEMENTARY EDUCATION	17673	20.0
JR HIGH/MIDDLE SCH EDUC	1714	19.6
PRE-ELEMENTARY EDUCATION	2966	18.7
SECONDARY EDUCATION	5540	21.8
STUDENT COUNSELING	689	19.1
TEACHER AIDE	43	15.6
EDUCATION, GENERAL	20836	20.3
TEACHER EDUCATION	(36484)	(20.3)
AGRICULTURAL EDUCATION	274	19.9
ART EDUCATION	1005	20.2
BUSINESS EDUCATION	229	19.2
ENGLISH EDUCATION	2816	22.1
FOREIGN LANGUAGES EDUC	355	21.9
HEALTH EDUCATION	223	17.8
HOME ECONOMICS EDUCATION	85	19.3
INDUSTRIAL ARTS EDUCATION	60	18.9
MATHEMATICS EDUCATION	1610	22.2
MUSIC EDUCATION	3957	22.1
PHYSICAL EDUCATION	4975	17.8
SCIENCE EDUCATION	579	22.1
SOC STUDIES/SOC SCI EDUC	1786	21.1
SPECIAL EDUCATION	2207	20.0
SPEECH CORRECTION EDUC	294	20.7
TEACHING ENGL AS 2ND LANG	116	20.2
TECHNICAL/TRADE EDUCATION	80	19.1
TEACHER EDUCATION, OTHER	1041	19.5
TEACHER EDUCATION, GEN	14792	20.0

	NUMBER OF STUDENTS	MEAN ACT COMP
ENGINEERING	(63601)	(22.9)
AEROSPACE ENGINEERING	3894	24.5
AGRICULTURAL ENGINEERING	389	21.7
ARCHITECTURAL ENGINEERING	1946	22.0
BIOENGINEER & BIOMED ENG	1662	26.2
CERAMIC ENGINEERING	72	24.2
CHEMICAL ENGINEERING	3483	25.2
CIVIL ENGINEERING	2357	23.2
COMPUTER ENGINEERING	5120	22.4
CONSTRUCTION ENG/MGMT	687	19.8
ELECTRCL & ELECTRONIC ENG	5384	21.8
ENGINEERING MANAGEMENT	144	21.2
ENGINEERING PHYSICS	348	25.6
ENGINEERING SCIENCE	181	22.5
ENVIRONMENTAL HEALTH ENG	514	23.3
GEOLOGICAL & GEOPHYS ENG	101	23.4
INDUSTRIAL ENGINEERING	504	21.8
MATERIALS ENGINEERING	142	24.8
MECHANICAL ENGINEERING	5157	23.0
METALLURGICAL ENGINEERING	92	23.9
MINING & MINERAL ENG	57	20.8
NAVAL ARCHIT & MARINE ENG	189	22.1
NUCLEAR ENGINEERING	276	23.9
OCEAN ENGINEERING	108	20.1
PETROLEUM ENGINEERING	106	20.3
SYSTEMS ENGINEERING	82	21.3
ENGINEERING, GENERAL	30606	22.5
ENGINEER-RELATD TECH	(15644)	(20.9)
AERONAUTICAL TECHNOLOGY	818	22.4
AC, HEATING, REFRIG TECH	177	16.8
ARCH DSGN & CONSTRCT TECH	790	21.2
BIOMEDICAL EQUIPMENT TECH	147	23.7
CIVIL TECHNOLOGY	251	22.0
COMPUTER TECHNOLOGY	1724	20.7
CONSTRUCTION TECHNOLOGY	229	18.1
DRAFTING & DESIGN TECH	872	19.8
ELECTRICAL TECHNOLOGY	978	19.5
ELECTRONIC TECHNOLOGY	1292	19.4
ELECTROMECHAN INSTRM TECH	102	18.8
ENVIRONMENTAL CONTRL TECH	205	22.2
INDUSTRL PRODUCTION TECH	102	20.6

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	MEAN ACT COMP
LASER ELECTRO-OPTIC TECH	66	21.0
MANUFACTURING TECHNOLOGY	116	19.5
MECHANICAL DESIGN TECH	692	22.0
MINING & PETROLEUM TECH	21	22.6
OCCUPATL SFTY & HLTH TECH	23	18.3
SURVEYING & MAPPING TECH	74	20.9
ENGINEERING TECH, OTHER	484	20.7
ENGINEER-RELATD TECH, GEN	6481	21.4
FOREIGN LANGUAGES	(3434)	(23.1)
ASIATIC LANGUAGES	186	23.0
CLASSICAL LANGUAGES	56	26.6
FRENCH	526	24.5
GERMAN	229	24.3
ITALIAN	29	20.6
MIDDLE EASTERN LANGUAGES	26	19.0
RUSSIAN	86	23.8
SPANISH	1148	22.6
FOREIGN LANGUAGES, OTHER	137	21.3
FOREIGN LANGUAGES, GEN	1011	23.0
HEALTH SCI & ALLIED	(183863)	(20.9)
CHIROPRACTIC	1147	20.8
DENTAL ASSISTING	483	16.7
DENTAL HYGIENE	2062	18.2
DENTAL LAB/TECHNOLOGY	101	18.6
DENTISTRY	3334	21.4
EMERG MED TECH/PARAMEDIC	1060	18.3
HEALTH CARE ADMIN	488	18.7
MEDICAL/SURG ASSISTING	1984	18.7
MEDICAL LAB/TECHNOLOGY	1924	20.1
MED RECORDS ADMIN/TECH	607	19.4
MEDICINE	36416	23.8
MNTL HLTH & HUM SVCS/TECH	634	19.7
NUCLEAR MEDICAL TECH	178	19.8
NURSING (PRACTICAL)	2963	16.8
NURSING (REGISTERED)	17938	18.6
OCCUPATNL THERAPY/ASSIST	2522	19.9
OPTOMETRY	1413	21.8
PHARMACY	5325	21.7
PHYSICIAN ASSISTING	1358	20.5
PHYSICAL THERAPY/ASSIST	20093	20.5
RADIOLOGY/RADIOLOGIC TECH	3111	18.6
REC/ART/MUSIC THERAPY	397	20.8
RESPIRATORY THERAPY/TECH	523	17.8
SPEECH PATHOL/AUDIOLOGY	1167	21.4
VETERINARIAN ASSISTING	938	18.3
VETERINARY MEDICINE	8214	22.5
HEALTH SCI & ALLIED, GEN	67483	20.5
HOME ECONOMICS	(6558)	(18.9)
CHILD DEV, CARE, GUIDANCE	1182	17.6
CHILD CARE AIDE/ASSISTING	261	16.2
CULINARY ARTS	1080	19.1
FAMILY/CONS RESOURCE MGMT	34	18.9
FASHION DESIGN	590	19.1
FOOD PRODUCTN, MGMT, SVCS	221	17.8
FOOD SCI & NUTR/DIETETICS	797	21.3
HUMAN ENVIRON & HOUSING	22	20.1
INDIVIDUAL & FAMILY DEVEL	66	19.5
TEXTILES AND CLOTHING	60	19.7
HOME ECONOMICS, GENERAL	2245	19.0
LETTERS	(6941)	(24.8)
CLASSICS	59	24.8
COMPARATIVE LITERATURE	97	26.0
CREATIVE WRITING	2129	24.0
ENGLISH, GENERAL	2174	25.4
LINGUISTICS	115	26.0
LITERATURE, ENGLISH/AMER	748	25.1
SPEECH, DEBATE, FORENSICS	90	22.2
LETTERS, GENERAL	1529	24.7
MATHEMATICS	(3832)	(24.3)
ACTUARIAL SCIENCES	275	25.9
APPLIED MATHEMATICS	438	23.2
STATISTICS	161	24.0
MATHEMATICS, GENERAL	2958	24.3
PHILOS, RELIG, THEOL	(5576)	(22.4)
BIBLE STUDIES	996	22.1
PHILOSOPHY	649	24.3
RELIGION	595	22.1
RELIGIOUS EDUCATION	560	21.6
RELIGIOUS MUSIC	234	21.3
THEOLOGY	503	22.4
PHILOS, RELIG, THEOL, GEN	2039	22.3

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	MEAN ACT COMP
SCIENCES	(44852)	(23.5)
ASTRONOMY	730	23.1
ATMOSPHER SCI & METEOROL	1078	22.2
BIOCHEMISTRY & BIOPHYSICS	1996	25.8
BIOLOGY	13848	23.5
BOTANY	276	23.3
CHEMISTRY	3459	24.6
EARTH SCIENCE	545	21.8
ECOLOGY	681	23.8
GEOLOGY	509	23.0
MICROBIOLOGY	1021	24.5
OCEANOGRAPHY	2347	21.0
PHYSICS	1463	27.0
ZOOLOGY	2907	21.9
SCIENCES, GENERAL	13992	23.4
SOCIAL SCIENCES	(77366)	(21.8)
ANTHROPOLOGY	1289	24.2
ECONOMICS	348	25.2
GEOGRAPHY	187	21.3
HISTORY	4088	23.4
INTERNATIONAL RELATIONS	1251	25.4
LAW	15514	21.8
PARALEGAL/LEGAL ASSISTING	778	18.9
POLITICAL SCI/GOVERNMENT	5143	23.6
PSYCHOLOGY	26729	21.3
SOCIOLOGY	1826	20.3
URBAN STUDIES	34	20.9
SOCIAL SCIENCES, GENERAL	20179	21.6
TRADE & INDUSTRIAL	(10128)	(18.7)
AIRCRAFT MECHANICS	251	18.6
AIRPLANE PILOTING & NAVIG	1925	21.3
AUTOMOTIVE BODY REPAIR	391	16.6
AUTOMOTIVE MECHAN & TECH	1352	18.1
AVIATION MANAGEMENT	112	19.2
COMPUTER ELECTRNCS/REPAIR	228	18.5
CONSTRCT TRADES & CARPENT	479	17.7
DIESEL MECHANICS & TECH	389	17.6
DRAFTING	249	18.3
ELECTRICAL EQUIP REPAIR	428	17.9
HEATING, AC, REFRIG MECH	156	17.1
TOOL OPER/MACHINE SHOP	283	18.2
MECHANICAL DRAFTING	52	19.3
WELDING & WELDING TECH	381	16.5
TRADE & INDUSTRIAL, GEN	3452	18.3
VISUAL/PERFORM ARTS	(45344)	(21.3)
APPLIED DESIGN/CRAFTS	242	20.5
ART	4668	20.7
ART HIST & APPRECIATION	272	23.3
CINEMATOGRAPHY/FILM/VIDEO	2336	22.3
DANCE	1223	20.7
DESIGN, GENERAL	718	20.6
DRAMATIC ARTS	4169	22.7
FINE ARTS, GENERAL	1014	22.1
GRAPHIC ARTS TECHNOLOGY	1208	20.5
GRAPHIC DESIGN	2438	21.0
MUSIC (LIBERAL ARTS)	2148	22.8
MUSIC PERFORMANCE	6184	22.1
MUSIC THEORY & COMPOSIT	1247	22.5
PHOTOGRAPHY	1915	20.3
VISUAL/PERFORM ARTS, GEN	15562	20.7
UNDECIDED	(86366)	(20.7)

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTER

REFERENCE GROUP	TOTAL FREQ	TOTAL MEAN	CORE OR MORE FREQ	CORE OR MORE MEAN	LESS THAN CORE FREQ	LESS THAN CORE MEAN	MALES FREQ	MALES MEAN	FEMALES FREQ	FEMALES MEAN
PLAN ON 2-YEARS OR LESS OF COLLEGE										
BUSINESS CONT (02-03)	5657	16.9	1729	18.1	3881	16.4	931	17.1	4726	16.8
BUSINESS OPER (04-05)	8708	17.3	2534	18.4	6100	16.9	3332	17.3	5376	17.4
TECHNICAL (06-07)	13262	17.3	3897	18.6	9233	16.7	8581	17.3	4681	17.2
SCIENCE (08-09)	6502	18.1	2109	19.3	4311	17.5	3381	18.1	3121	18.0
ARTS (10-11)	3187	18.0	1030	19.0	2121	17.5	878	18.3	2309	17.9
SOCIAL SERVICE (12-01)	3957	17.1	1175	18.2	2742	16.6	903	17.1	3054	17.1
OTHER*	19796	17.0	6104	18.1	13361	16.5	8332	17.0	11464	17.0
TOTAL	61069	17.2	18578	18.4	41749	16.7	26338	17.3	34731	17.2
PLAN ON 4-YEARS OR MORE OF COLLEGE										
BUSINESS CONT (02-03)	90175	20.6	56325	21.5	33273	19.1	27407	21.3	62768	20.3
BUSINESS OPER (04-05)	63147	20.7	37741	21.6	25026	19.2	29047	20.7	34100	20.6
TECHNICAL (06-07)	85655	20.9	52994	22.0	31976	19.3	53845	21.0	31810	20.9
SCIENCE (08-09)	112055	22.5	74620	23.4	36494	20.9	55420	22.8	56635	22.3
ARTS (10-11)	78549	22.6	51566	23.4	26388	21.0	25131	22.9	53418	22.4
SOCIAL SERVICE (12-01)	82572	21.1	50752	22.0	31174	19.7	22998	21.3	59574	21.0
OTHER*	291735	21.3	187232	22.3	101334	19.7	131978	21.5	159757	21.2
TOTAL	803888	21.4	511230	22.3	285665	19.8	345826	21.6	458062	21.3

* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

REFERENCE GROUP	NUMBER OF STUDENTS	ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	HS GPA
MALE	412526	3.02	2.90	3.20	3.03	3.06
FEMALE	534085	3.30	2.99	3.31	3.15	3.24
AFRICAN-AMERICAN/BLACK	89543	2.85	2.56	2.95	2.78	2.83
CAUCASIAN-AMERICAN/WHITE	659600	3.24	3.01	3.31	3.15	3.22
OTHER MINORITY	100386	3.17	2.97	3.25	3.09	3.17
MISSING/PREFER NO RESP	97082	3.10	2.88	3.20	3.04	3.09
TOTAL	946611	3.18	2.95	3.26	3.10	3.16

APPENDIX

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU NEED A COPY OF THIS GUIDE, PLEASE WRITE TO ACT RESEARCH SERVICES, ACT INC, P.O. BOX 168, IOWA CITY, 168, IOWA 52243.

THE DATA PRESENTED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 1997, AND WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR IN HIGH SCHOOL. IF A STUDENT TOOK THE TEST MORE THAN ONE TIME, ONLY THEIR MOST RECENT SCORES ARE USED. THOSE STUDENTS WHO TESTED RESIDUALLY, USED EXTENDED TIME TESTING OR WHO FAILED TO LIST A VALID HIGH SCHOOL CODE ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT COLLEGE-BOUND STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT REPRESENTATIVE, IN SOME RESPECTS, OF COLLEGE-BOUND STUDENTS NATIONALLY. FIRST, STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS AND PLAINS, AND THE SOUTH ARE OVERREPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO COLLEGE-BOUND STUDENTS NATIONALLY. SECOND, ACT-TESTED STUDENTS TEND TO ENROLL IN PUBLIC COLLEGE AND UNIVERSITIES MORE FREQUENTLY THAN DO COLLEGE-BOUND STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS REPRESENTATIVENESS OF THE ACT-TESTED POPULATION AND THE DEMOGRAPHIC MAKE-UP OF A STATE.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON THE STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

ENGLISH (FOUR YEARS OR MORE)
ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

MATHEMATICS (THREE YEARS OR MORE)
ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS), OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

SOCIAL SCIENCES (THREE YEARS OR MORE)
ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

NATURAL SCIENCES (THREE YEARS OR MORE)
ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS

BEST COPY AVAILABLE